Mosses collected in West Virginia, 1904 by J. M. Greenman and fungi.

2. Dicranum
3. Pogonatum brevicaule
4. Brachythecium
5. Catharinea undulata
6. Hypoxylon vernicosum,
7. Xylaria
8. Sphagnum cymbifolium
9. " near fimbriatum
10 " near Girgensohnii

12. Mnium punctatum
13. Brachythecium
14. Dicranum scoparium
15 Chara coronata var. Schweinitzii
16. Marchantia polymorpha
17. Bazzania trilobata,
18. Brachythecium rutabulum,

Harvard University

HERBARIUM AND LABORATORIES
OF
CRYPTOGAMIC BOTANY

W. G. Farlow, 24 Quincy Street
R. Thaxter, 7 Scott Street

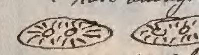
Cambridge, Mass., U. S. A.

190 .

Grunow.

Algae of Northern America, wanted or ill represented in A. Grunow's collection.

Dasya Gibbesii Harv
" ramosissima Harv
" Harveyi Ashmead
" mollis Harv
" subsecunda Suhr (I have this species from Japan!)
" mucronata Harv
" Wurdemanni Bailey (not rare in Adria)
" Callithamnion Harv
" Tumanowiczii Gatty
" lophoclados Mont
" plumosa Bail et Harv
Taenioma Clevelandii Farlow
Bostrychia Tuomeyi Harv
" Montagnei "
" rivularis "
Polysiphonia [illegible] Harv
" Havanensis "
" " var Binneyi
" ferulacea Ag
" subtilissima Mont
" fracta Harv
" echinata "
" hapalacantha "
" Gorgoniae "
" Olneyi "
" Harveyi Bail.
" " var arietina Harv
" hirta Harv.
" collabens Ag
" Baileyi Ag
" Pecten Veneris Harv
" exilis Harv
" bipinnata P et R.
Woodii Harv (You do not mention the double or triple axis of this alga, which I have always seen in my Californian specimens,



and therefore I should like to see your specimens)

Polys. verticillata Harv
" thyrsigera "
" dictyurus "
Odonthalia aleutica Ag
" Lyallii Harv
Rhodomela Larix Ag
" floccosa Ag
Alsidium Blodgettii Harv
Acanthophora muscoides Ag
Chondria littoralis Harv
" atropurpurea Harv
" nidifica Harv

Laurencia virgata Ag
" implicata Ag
" cervicornis Harv
" gemmifera Harv
" " var tuberculosa Harv
" Brongniartii J. Ag
" spectabilis P & R
Chylocladia ovalis var Coulteri Harv
Erythroglossum serrata J. Ag
Delesseria Woodii J. Ag
" tenuifolia Harv
" involvens Harv
" decipiens Ag
Nitophyllum spectabile Eaton
" violaceum J. Ag
" latissimum J. Ag
" " var areolatum Eaton
" multilobum J. Ag
" Fryeanum Harv
" Andersonii Ag
" Ruprechtianum Ag
" fissum Ag
Gracilaria divaricata Harv
" Poitei Lx
" damaecornis Ag
" Blodgettii Harv
Corallina pistillaris Mont
Amphiroa Orbignyana Mont
" Californica Dne
" vertebralis Dne
Lithothrix aspergillum J. E. Grey
Gelidium Coulteri Harv
Eucheuma isiforme Ag
" acanthocladum G ([illegible])
Hypnea crinalis Harv
" cornuta Ag
Pikea californica Harv
Lomentaria Baileyana Farlow
" rosea Thuret
Rhabdonia Coulteri Harv
" ramosissima Harv
Cordylecladia Huntii Harv
" irregularis "
" conferta Ag
Peyssonnelia atropurpurea Cr
" Dubyi Cr
Cruoria purpurea Cr
Cruoriella armorica Cr
Liagora valida Harv
" pinnata "
" leprosa Ag
" pulverulenta Ag
" farinosa Lamour
" Cayohuesonica "

Phyllophora Clevelandii Farlow
Gymnogongrus Norvegicus v. Torreyi
" linearis Ag.
Ahnfeltia gigartinoides Ag
" ? pinnulata Harv
Callophyllis obtusifolia Ag
" flabellulata Harv
Constantinea Sitchensis P. & R.
Callymenia Californica Farlow
Farlowia crassa J.Ag.
" compressa J.Ag.
Cryptosiphonia Woodii J.Ag
Gigartina canaliculata Harv
" mollis Bail. et Harv
" microphylla Harv
" Jardinii J.Ag.
Iridaea punicea P. & R.
Gloiopeltis furcata Ag
Endocladia muricata Ag.
Cryptonemia obovata J.Ag.
" dichotoma J.Ag.
Chrysymenia Enteromorpha Harv
" halymenioides Harv
" Agardhii Harv
Halymenia ligulata v. Californica
" decipiens J.Ag.
Corynomorpha clavata Ag
Prionitis Clevelandii Farlow
" Andersonii Eaton
" lanceolata Harv
Sarcophyllis californica J.Ag.
Schizymenia ? coccinea Harv
Grateloupia Gibbesii Harv
Nemastoma Bairdii Farlow
" californica " "
Halosaccion hydrophora Ag
" fucicola P. & R.
Microcladia ~~Coulteri~~ Harv
" californica Farlow (I think, I have this spec. identified fully, but I have seen no descript. pub.)
" Coulteri Harv
" borealis R.
Centroceras Eatonianum Farlow
" Youngii " "
Griffithsia Bornetiana Farlow
Callithamnion arbuscula v. Pacificum (Pikeanum?)
" dasyoides J.Ag. (=? philophora Eaton)
" floccosum Harv
" Dietziae Hooper
" heteromorphum J.Ag
" americanum Harv.
" Pylaisaei Harv
" Lesolfea Farlow
Bangia vermicularis Harv
Erythrotrichia ciliaris Thuret
" ceramicola Aresch

Taonia ? Schroederi Ag
Zonaria lobata Ag
Dictyota Bartayresiana Lx
Sargassum Filipendula Ag
" Agardhianum Farlow
" piluliferum Ag
Halidrys osmundacea Harv
Fucus furcatus Ag
" Harveyanus Dcne
Nereocystis Lutkeana P. & R.
Postelsia palmaeformis Rupr
Pterygophora Californica Rupr.
Alaria fistulosa P. & R.
" marginata " "
Dictyoneuron californicum Rupr
Laminaria dermatodea de la Pyl.
" platymeris de la Pyl.
Costaria Turneri Grev
Thalassiophyllum Clathrus P. & R.
Chordaria abietina Rupr
Ectocarpus Farlowii Thur
" longifructus Harv
" amphibius Harv.
" viridis "
" luteolus "
" Durkeei "
" Mitchellae "
" Hooperi "
" Dietziae "
Desmarestia latifrons Ag
Caulerpa crassifolia v. mexicana Ag.
" Ashmeadii Harv
" lanuginosa Ag
Halimeda incrassata Lx
Udotea conglutinata Lx
Acetabularia crenulata Lx
~~Dasycladus occidentalis Harv~~
Penicillus Dumetosus Dcne
" Phoenix Lk
Blodgettia confervoides Harv
(Ascothamnion intricatum is no alga but = Zoobotryon verticillatum Ehb (vid. Ruprecht))
Cladophora cartilaginea Rupr
" Morrisiae Harv
" luteola "
Chaetomorpha Picquotiana Mont
" Melagonium Web. & M.
" Olneyi Harv
" longiarticulata Harv
" brachygona Harv
Lyngbya luteo-fusca Ag
" nigrescens Harv
" pusilla "
" hyalina "

Calothrix vivipara Harv
" pilosa "
" dura "
Microcoleus corymbosus Harv
Sphaerozyga Carmichaelii Harv

Laminaria Andersonii Eaton
Mesogloia " " Farlow
Ralfsia clavata Crouan
Protococcus crepidinum Thuret

Baileya americana Ktz.
= Tuomeya fluviatilis Harv

Oedogonium filiforme
Monostroma Blyttii
Lyngbya Wollei
Calothrix pulvinata
" crustacea
Nostoc flagelliforme
" arcticum Berkel
" Sutherlandii Dickie
" cristatum Bail
" calidariorum Wood
Oscillaria imperator Wood
Lyngbya bicolor "
etc, etc any of Wood's new fresh water species, if authentic.